MINDSPLASH

MAGAZINE 2021-22

Department of Computer Science and Engineering

"Dive into the Mind's Splash: Where Ideas Meet Imagination."
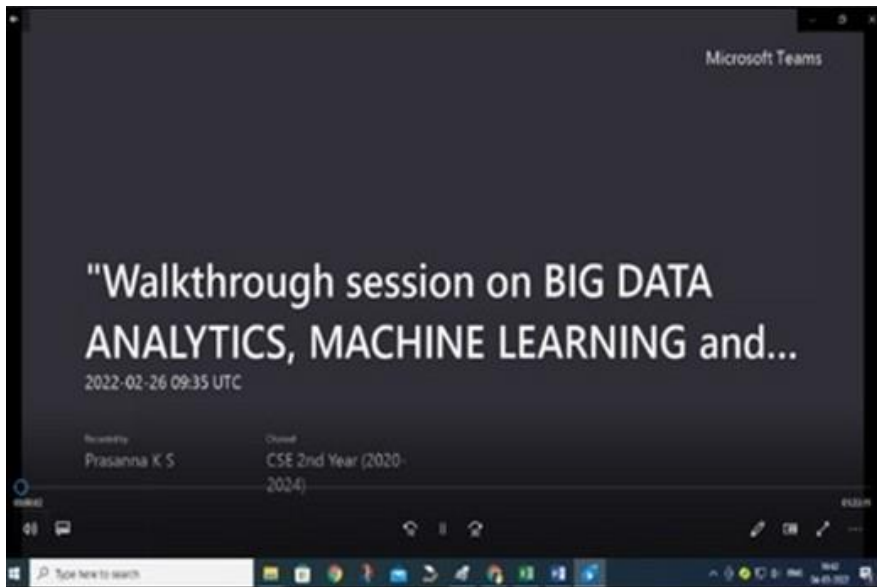
MESSAGE FROM HOD

The Department of Computer Science and Engineering is dedicated to creating a favorable environment for students and faculty through its extra-curricular activities.

This phase started with a faculty development program focused on potential research opportunities in Computer Science and Biology, followed by student development activities such as alumni connections and a study‑interact program with students from Japan.

The department organized activities that aimed to enhance software skills, introduce new programming concepts, and provide opportunities for alumni connections. This program was me "with oroat enthusiasm and ended with high praise.

The student-interact exchange program offered students a chance to experience international cooperation and exchange well as to deepen their understanding of both Japan and India through education. During this phase, students also had chance to learn about Arduino, Software management, Resume writing. Additionally, the department has increase in copyright registrations, patent filings, publications in academic journals and conferences. The department will continue to work towards enhancing its extra-curricular programs through collaborations and a diverse range of activities.

Dr. Geetha Kiran A
Prof. & HoD, CSE

An Alumini Talk on: "BIG DATA ANALYTICS, MACHINE LEARNING and ARTIFICIAL INTELLIGENCE"

An Alumni Talk on "BIG DATA ANALYTICS, MACHINE LEARNING and ARTIFICIAL INTELLIGENCE" was been organized on 26th February 2022. This was beneficiary for second year CS&E students . : Mr. Shyama Sundar L B, Alumnus 2012 batch Senior AI Analyst, AIE, Bengaluru were the resource persons. This event was coordinated by Dr. A Geetha Kiran, Prof & Head, CS&E. Mr. B B Neelakantappa, Associate Professor, CS&E.

Workshop on LATEX

Workshop on "LATEX" was organized on 8th April 2022 keeping in the mind of 3rd year CS&E students . This was very helpful for the students in documentation of their project reports. Dr. S. V. Arunakumar Associate Professor, CS&E, MCE was the resource person . This program been coordinated by Dr. A Geetha Kiran, Prof & Head, Dr. S. V. Arunakumar, Associate Professor, CS&E.

> Education cost money, but then so does ignorance.
> -Clause Moser

World Earth Day

The Department of Computer Science and Engineering celebrated World Earth Day on 24th April 2022 in front of CSE campus under the guidance of Dr. A Geetha Kiran, Professor and Head to spread awareness about conserving earth. Mrs. Nayana Assistant Professor headed co-ordinatorship in this event. A garden was made in front of the CSE campus. Plants and saplings were planted in this garden. The program started at 3.00 P.M. with the speech given by Mr.BB Neelakantappa , Associate Professor and TPO how we should conserve our earth and mother nature. Dr. C. V. Venkatesh, Principal inaugurated and conveyed about saving environment and keep surrounding clean. Ms. Nivyashree R, Assistant Professor hosted the event. Dr. Shashidhar, Dean SWO & Professor & head, Automobile engineering department had participated in this event.

Workshop on Concepts of Computer Networks

Two Days Workshop on "Concepts of Computer Networks" was organized on 13th &14th may 2022 . 3rd year CS&E students were the beneficiaries . After the program the students were able to gain knowledge about the computer networks . Mr. Vinod Kumar A, Trainer, Network engineer, Netcon were the resource persons . This program was coordinated by Dr. A Geetha Kiran, Prof & Head, Mr. Tejonidhi M. R. Assistant Professor, CS&E.

> "Education is the kindling of a flame, not the filling of a vessel."– Socrates

Workshop on Software Engineering

One Day workshop on "Software Engineering" was organized on 10th JUNE 2022 . This program was helpful for second year students . The program helped the students to gain knowledge about software engineering which was helpful for their academic subject and even for their future . Mr. Vinayaka Naik Founder, Tahron were the resource persons. This program was coordinated by Dr. A Geetha Kiran, Prof & Head, Mr. Ravi Kumar D , Mrs. Varshitha K. C , Mrs. Sangeetha S, Assistant Professors, CS&E, MCE

AURA: Project and Poster presentation

AURA: Project and Poster presentation was organized on 24th June 2022 . 3rd year and 4th year CS&E students were the benificiares .This program was totally on presenting the project ideas and its working . Dr. V. N. Manjunath Aradhya, Associate Professor & Head, Department of Computer Applications, JSS S&T University, Mysuru. Dr. B. S. Harish, Professor, Department of Information Science and Engineering, JSS S&T University,Mysuru. Dr. Mohana Lakshmi J, PROGRAM Lead, L&T Private Limited, Mysuru were the juries present to look into the projects . This program was coordinated by Dr. A Geetha Kiran, Prof & Head, CS&E. Mr. Vinod A. M, Dr. Aruna Kumar S. V, Associate Professors, CS&E, MCE

> "Education makes a people easy to lead but difficult to drive: easy to govern, but impossible to enslave."
> -Peter Brougham

AN ALUMNI TALK: "A DAYAS A DATA ENGINEER"

An Alumni Talk on "A DAY AS A DATA ENGINEER" was organized on 2nd July 2022 . This program was helpful for second year students . The program helped the students to gain knowledge about data engineer which was helpful for their future . MEGHA R SHESHA Alumnus 2012 Batch, Senior Data Engineer, Baker Hughes, Bangalore were the resource persons .This program was coordinated by Dr. A Geetha Kiran, Prof & Head, CS&E. Mr. Neelakantappa B B, Associate Professor, CS&E.

FDP on Data Analytics and Learning: The Quest

One week FDP on "Data Analytics and Learning: The Quest" was organized for Faculty members and research scholars participated from different college in the month of October 2022. Dr. Manohara Pai M. M., Manipal Institute of Technology, MAHE, Manipal Dr. Radhika M Pai., Manipal Institute of Technology, MAHE, Manipal Dr. C. V. Aravind, Professor, Dept. of CS&E, NMAMIT, NITTE, Surathkal Dr. Anitha Raghavendra, Infosys, Mysuru Dr. Dinesh M. S., Senior Principal Scientist, Philips Private Limited, Bengaluru were the resource persons. This program was coordinated by Dr. Aruna Kumar S. V, Dr. Keerthi Kumar H. M., Associate Professors, CS&E.

> "The beautiful thing about learning is that no one can take it away from you."
> -B.B. King

Expert Talk: LEADERSHIP INTHE CORPORATE WORLD"

Expert Talk: LEADERSHIP IN THE CORPORATE WORLD was organized on 21st November 2022 . This program was helpful for 3rd and 4th year students . The program helped the students to gain knowledge about leadership qualities in the corporate world . Mr. Karthik Iyer Technical Program Manager at Meta, Purdue University, San Francisco, California, United States. were the resource persons .This program was coordinated by Dr. A Geetha Kiran, Prof & Head, CS&E. Mrs. Nithyashree R, Assistant Professor, CS&E

Workshop on IoT: Recent Trends And Applications Development

Two Day workshop on "IoT: RECENT TRENDS AND APPLICATIONS DEVELOPMENT" was organized on 22nd & 23rd December 2022 . This program was helpful for faculty and students . The program helped the students to gain knowledge about IOT . Dr. Vijaya Kumar B. P, Mr. Chetan G Mavenir Systems, Bangalore were the resource persons .This program was coordinated by Dr. Shivanna K,Dr. Mohana Lakshmi J, Associate Professors, CS&E.

"Intelligence plus character-that is the goal of true education."
-Martin Luther King Jr.

Shreedhar Memorial Award for 2021·22 batch

Shreedhar Memorial Award was given by **Mr MADHUSUDHAN** alumni of CS&E ,MCE for top 5 ranking students .

Alumni meet on November 11ᵗʰ 2022

"Education is the most powerful weapon which you can use to change the world."
-Nelson Mandela

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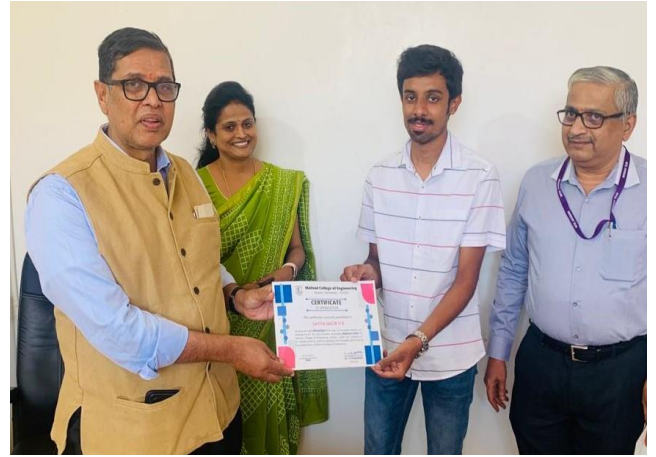
Branch sports at Malnad College of Engineering

Sports is an important part of MCE for years. Sports activities are one of the integral parts of student activities in any academic year. Sports committee comprising of faculty and student leaders under the leadership of Dr. A Geetha Kiran professor and head, organized branch sports at Malnad college of engineering, Hassan. Keeping up the tradition, the students enthusiastically participated in various games this year too.

"Women must learn to play the game as men do."
– Eleanor Roosevelt

Leave app for MCE

Leave app and grievance portal was developed by Nikhil Bhat and Savya Sachi Final year students of CS&E.

Panel discussion on ENGINEERING EXCELLENCE

VTU EDU CONCLAVE 2022 was unique and first pan Karnataka Education Conclave, especially for engineering aspirants. Dr. Geetha Kiran A, Prof. & HoD, CSE. Also, coordinator of ME-RIISE addressed the benefits and process of incubation at the conclave on 1st August, 2022. She deliberated the significance of startup ecosystem in the campus and the transformation from job seekers to job providers.

She let know the audience regarding the inclusion of design thinking and innovation in the curriculum. It was a great discussion sharing the stage with the founders of startups.

"Keep your face always toward the sunshine, and shadows will fall behind you."
— Walt Whitman

PUBLICATIONS

- Mrs. Kavyasri M N, Dr. Ramesh B "Key-Cipher-Policy based ABE with Efficient Encryption of Multimedia Data at Data Centers of Cloud", International journal of recent technology and Engineering , May 2022.

- Mrs. Kavyasri M N, Dr. Ramesh B "Secure Access of Multi-media Data at Cloud storage using Key-Cipher Policy-Based ABE Algorithm", International journal of research and ana- lytical review , April 2022.

- Dr. Geetha Kiran A, et. al. "SynthNet: A skip connected depthwise separable neural network for Novel View Synthesis of solid objects", Results in Engineering , March 2022

BOOK CHAPTER PUBLICATION

- Dr. S V Aruna Kumar., et. al. , "Detection of COVID-19 using a multiscale Deep Learning network: covid-MSNet Augmented Intelligence in Healthcare: A Pragmatic and Integrated Analy-sis", Studies in Computational Intelligence 1024, 420-435, 2022

- Dr. Geetha Kiran A., et. al. , "Extrapolating Z-Axis Data for a 2D Image on a Single Board Computer" Lecture Notes in Net-works and Systems, vol. 288, pp. 503-512, Springer, Singapore, 2021.